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AMENDMENTS TO THE CLAIMS:

This listing of claims replaces the listing of claims in the application.

Listing of Claims:

CLAIMS

What is claimed is:

- 1. (Currently Amended) A Method method for antigen incorporation into bacterial outer membrane vesicles characterized by the formation of a complex between these antigens and outer membrane proteins from gram-negative bacteria, while maintaining intact the vesicle structure and comprising:
 - -Dilution of the antigen to be incorporated in an aqueous solution containing detergents and sucrose
 - -Homogenization of such a solution with the bacterial outer membrane protein preparation
 - -Incubation of the homogenate for at least 4 hours, with stirring
 - -Ultracentrifugation of the homogenate to recover the outer membrane vesicles containing the incorporated antigen
 - -Suspending the pellet in an appropriate solution
- 2. (Original) The method according to claim 1, wherein the outer membrane protein preparation is obtained from gram-negative bacteria belonging to the *Neisseriaceae* family or from *Branhamella catarrhalis*
- 3. (Original) The method according to claim 2, wherein the outer membrane protein preparation is obtained from *Neisseria meningitidis* and *Neisseria lactamica*.
- 4. (Currently Amended) The method according to <u>claim 1</u> any of the claims 1-3, wherein said protein antigen is of natural, recombinant or synthetic origin.

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- 5. (Original) A vaccine composition obtained according to claim 1, for its administration by parenteral or mucosal routes, comprising a complex formed by a protein antigen and a preparation of outer membrane proteins of gram-negative bacteria, being such complex generated by co-folding while maintaining intact the vesicle structure in combination with pharmaceutically acceptable excipients or carriers.
- 6. (Original) A vaccine composition according to claim 5, wherein the outer membrane protein preparation is obtained from gram-negative bacteria belonging to the *Neisseriaceae* family or from *Branhamella catarrhalis*.
- 7. (Original) A vaccine composition according to claim 6 wherein the outer membrane protein preparation is obtained from *Neisseria meningitidis* and *Neisseria lactamica*.
- 8. (Currently Amended) A vaccine composition according to <u>claim 5</u> any of the claims 5-7 wherein said protein antigen is of natural, recombinant or synthetic origin.
- 9. (Currently Amended) A vaccine composition according to <u>claim 5</u> elaims 5 7, including also capsular bacterial polysaccharides.
- 10. (Currently Amended) A vaccine composition according to <u>claim 5</u> elaims 5-7, including also conjugated capsular bacterial polysaccharides.
- 11. (Currently Amended) A vaccine composition according to <u>claim 5</u> elaims 5-7, including also a nucleic acid as antigen.
- 12. (Currently Amended) A vaccine composition according to <u>claim 5 elaims 5-11</u> for its therapeutic or prophylactic use in humans.